



TECHNICAL DATA SHEET

KILZ HIGH BUILD® INTERIOR WATER-BASED PRIMER

KILZ High Build® primer is a unique formulation that can be applied much thicker than most primers, and creates a finish equivalent to a fully prepared skim coat / level 5 finish when sprayed. As an added benefit, KILZ High Build utilizes the superior stainblocking technology behind KILZ® Premium primer. It can be used on all interior ceilings and walls including paperless drywall.

WHERE TO USE

Use on properly prepared interior surfaces, such as:

- Brick
- Painted Metal
- Properly Prepared Glossy Surfaces†
- Drywall
- Paneling
- Stucco
- Masonry
- Plaster
- Wood

AS OF 6/1/2011 COMPLIES OR IS CERTIFIED WITH:

SCAQMD	Yes	MPI #	No
CARB	Yes	MPI X-GREEN	No
OTC	Yes	GREENGUARD	No
LADCO	Yes	GREEN SEAL™	No
AIM	Yes	CHPS	No
LEED®	Yes*	NAHB/ICC NGBS	No

*Product may help projects qualify for LEED credits.
Please see www.usgbc.org/LEED for additional details.

FILL / MAX TINT

No. L2001

Gallon – 128oz / 2oz**

5 Gallon – 640oz / 10oz**

**Tinting is not recommended for stainblocking applications.

FINISH

85° = < 10.0

Sheen levels depend on porosity and various surface irregularities.

COMPOSITION

Vehicle: Acrylic Polymer

Weight Solids: 56.2% (+/-) 2%

Volume Solids: 39.8% (+/-) 2%

Weight / Gallon (lbs): 11.5 (+/-) 0.2

Viscosity: 95 - 105 KU

VOC: 90 g/L

The addition of colorants may add VOCs.

FLASHPOINT

N/A

COVERAGE RATE

Coverage: 100 - 200 sq. ft. (9 - 18 m²) per gallon, depending on the surface texture, porosity and application method. Does not include the loss of material from spraying.

RECOMMENDED FILM THICKNESS

At 100 sq. ft. per gallon:

- Wet: 16.0 mils; Dry: 6.4 mils

At 200 sq. ft. per gallon:

- Wet: 8.0 mils; Dry: 3.2 mils

PREMIUM APPLICATION TOOLS

Airless Spray:

Tip: .017" - .021"

Filter: 60 mesh

PSI: Fluid pressure of 2,500 - 3,200

Roller:

Smooth Surfaces: 3/8" - 1/2" nap

Rough / Porous Surfaces: 1/2" - 3/4" nap

Brush: Nylon / Polyester Blend

SURFACE PREPARATION†

- The surface must be clean, free of dust, grease, wax, peeling paint, mold, mildew and wallpaper paste. If washing is necessary, use a non-soapy detergent or a TSP substitute. Rinse well and allow to dry.
- Peeling or Checked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.†
- Glossy Surfaces: For maximum adhesion, scuff sand the surface thoroughly before priming.†
- Mold or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.
- Masonry, Brick, Stucco and Plaster: KILZ HIGH BUILD primer may be used on clean, dry, aged masonry surfaces. New masonry must be allowed to cure (dry) at least 30 days before applying KILZ HIGH BUILD primer.
- Fire Restoration: It is critical to clean smoke damaged surfaces thoroughly before priming. Primary Recommendation: KILZ COMPLETE®, KILZ ODORLESS® or KILZ® ORIGINAL primers.

APPLICATION

- Eye protection is recommended.
- Apply as supplied using a brush, roller or sprayer.
- **Do not thin for stainblocking applications.** A small amount of water may be added for other spray applications.
- Only apply if surface, air and product temperatures are between 50°-90°F (10°-32°C).
- Stir thoroughly before and occasionally during use.
- Prime the entire surface to ensure a uniform appearance of the topcoat.
- Stainblocking: After priming, test for stain bleed-through by applying the topcoat to a small section. If the stain bleeds through the

topcoat, apply a second coat of primer and test again before topcoating the entire area. If bleeding continues, a longer dry time is needed before topcoating.

- Tinting: Not recommended for stainblocking applications. KILZ HIGH BUILD primer may be tinted with up to 2 ounces of universal colorant per gallon for non-stainblocking projects. Tinting to a lighter shade than the topcoat is recommended.
- When using an airless sprayer, backrolling is not required and will cause surface defects.

DRY TIME at 77°F (25°C), 50% RH:

- To Touch: 30 Minutes
- To Recoat / Topcoat: 1 Hour

Application at lower temperatures, high humidity or poor ventilation will affect dry time.



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For MSDS or to consult with a technical service representative, call 1-866-PRIMER-1.



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CLEAN UP & DISPOSAL

- Clean equipment and paint splatters with warm, soapy water.
- If spilled, contain material and remove with an inert absorbent. Dispose of contaminated absorbent, container and unused product in accordance with all current federal, state and local regulations.
- Do not dispose of this product down a drain.
- Please consider donating any unused product.
- For recycling or disposal information, contact your local household refuse collection service.

LIMITED WARRANTY

*If this product is found to be defective upon inspection by its representative, Masterchem Industries LLC will, at its option, either furnish an equivalent amount of new product or refund the purchase price to the original consumer purchaser of this product upon proof of purchase. Masterchem Industries will not be liable for any representations or warranties made by any retail seller or applicator of this product. **This warranty excludes (1) labor or cost of labor for the removal of this product or any other product, the repair or replacement of substrates to which this product is applied or the application of replacement product and (2) any incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights and you may also have other rights which vary from state to state. This warranty is not transferable. To make a warranty claim, write to Technical Service, Masterchem Industries LLC, 3135 Old Highway M, Imperial, MO 63052-2834, or email Technical Service at techservice@masterchem.com.*

†WARNING! *If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.*

WARNING: *This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm.*

WARNING! IRRITANT! HARMFUL OR FATAL IF SWALLOWED. CONTAINS ETHYLENE GLYCOL. USE ONLY WITH ADEQUATE VENTILATION. *Avoid contact with eyes. May cause eye, nose and throat irritation. Avoid breathing of dust, vapors or spray mist. Open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache, or dizziness, or if air monitoring demonstrates vapor / mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH / MSHA TC 23C or equivalent) during and after application. Follow respirator manufacturer's direction for respirator use. Close container after each use. Wash thoroughly after handling and before smoking and eating.*

FIRST AID

- If swallowed, do not induce vomiting. Get medical attention immediately.
- If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.
- In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention.

KEEP FROM FREEZING

KEEP OUT OF REACH OF CHILDREN

DO NOT TAKE INTERNALLY



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